

Materials Handling Society Dedicated To Efficient Material Handling, Packaging

A fledgling chapter of the American Materials Handling Society, the East Tennessee Chapter, will begin its new season Friday night, September 20. The chapter received its charter from the National Headquarters in June, 1962, in Detroit at the Material Handling Show and Conference. The charter was received on behalf of the local group by D. L. DeWalt, General Mechanical Engineering. Among the charter members are Carbidors W. A. Brickey, Purchasing; DeWalt, S. E. McCoy, John W. Pate, and J. C. Thompson Jr., all of Mechanical Inspection; and T. C. Swindell, Tool Engineering.

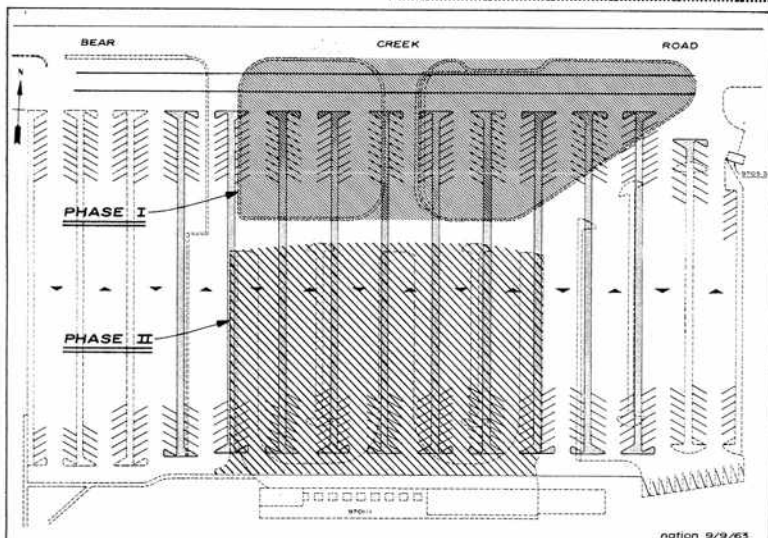
The AMHS is a national organization dedicated to the advancement of the theory and practice of efficient material handling and packaging in manufacturing, distribution, warehousing, transportation and military operations. It is comparatively new in the growing list of technical societies. Founded in 1949, it has over 5,000 members in the United

States in 57 cities, with affiliates of other material handling organizations in France, Great Britain, Japan, South Africa and West Germany. The primary benefit of AMHS membership is to promote a better understanding and a wider application of the principles governing the art and science of material handling.

Whether it is called automation or more mechanization, industry is looking for more ways and better ways to reduce costs in its product. From the time raw material comes into a plant, until the time it is shipped out as an end product, many costs have been added to the in-process material. Cost studies have proved that from 30 up to 45 percent of total costs are due to handling, moving and storing the

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**October 6-12
FIRE PREVENTION WEEK
Don't Get Red-Flagged!**



A SCHEMATIC DRAWING OF NORTH PORTAL shows the affected areas where renovations are to take place. The grass islands will be removed and the old "bus ramps" taken away so that more auto space will be available. Also to be added is a passenger pick-up lane.

North Portal's Face-Lifting Will Add 430 Spaces For Autos

Starting this week, the North Portal is getting a face-lifting. Approximately 430 more parking spaces will be added to bring the total capacity of the parking area to 1,170 autos. The work will last until about the first of January, and is being done by the Roehl Construction Company, Knoxville, who has been awarded the \$63,500 contract.

Construction has been so designed to minimize inconvenience to North Portal patrons during the construction period. The portal will remain in use during the entire program.

The work has been divided into two phases. Phase one will include the removal of the present grass "islands" in the north center part of the portal. After paving of that space, it will be put into use for parking and the second construction phase will begin. Phase two will consist of the removal of the old bus station walkways in the south center part of the Portal. This will

be paved over, too. This section will also be put back into service for parking.

No changes in the outer western or eastern sides of the Portal are planned. The entrances and exits on Bear Creek Road will, however, be modernized and improved, including automated traffic control. A passenger pick-up lane running nearly the full width of the portal will also be constructed. These changes will not only speed up traffic flow but will do away with many pedestrian and vehicular hazards now present.

During the construction periods, Y-12ers are urged to use extreme caution in entering and leaving the parking lot. Temporary inconveniences may occur . . . but will give way to a bigger, easier-to-use parking area. As Spencer said, "Progress, therefore, is not an accident, but a necessity . . . It is a part of nature."



GEARED FOR ACTION is the Central Fund Drive Committee for 1963 seen above at its first meeting. Seated from left are Dave Jennings, Margaret Kirby, Tom Stephens, Ed Gambill, L. E. Burkhart, and Henry H. Stoner, director for Y-12. Standing are Ted Hart, Bob Williamson, Ken Merrill, Art Sands, Bob Rice, Marvin Flatt, H. N. Benninghoff and Otto Briscoe. Representatives from every division in Y-12 were armed at the meeting to urge Y-12ers to give "just a mite more" in this year's fund drive.

Central Fund Committee Sets 'A Mite More' As Campaign Slogan During Plantwide Drive

"Just a mite more," is the theme of this year's Central Drive Fund in Y-12, according to the plant-wide committee which met last week. Reporting to Henry H. Stoner, Y-12's chairman for the drive, the individuals representing every division in the plant agreed on the stepped up campaign.

"Would you be willing to forego a candy bar a week? . . . A pack of cigarettes a month . . . cut down on lunch just once in a while? . . . To benefit your community?" Any reasonable person would answer "yes" quickly to this question. It is that simple with payroll deductions, too.

A mere 50 cents a month from each employee would almost double the amount now given to Communist Chests or United Funds in neighboring communities. (Y-12ers have five counties in which to contribute through payroll deductions: Anderson, Knox, Morgan, Roane and Loudon.)

Division Committeemen

Divisions are represented throughout the plant as follows: Maintenance, D. A. Jennings; Engineering, R. A. Williamson; Accounting and Budgets, M. C. Flatt; Technical, E. F. Gambill; Finance and Materials, T. J. Stephens; Shift Superintendents and Utilities, H. N. Benninghoff; Chemical Operations, A. E. Sands; Industrial Relations, K. R. Merrill; Technical Services, O. W. Briscoe; Development, L. E. Burkhart; Special Projects, Helen Stone, and Mechanical Operations, H. L. Bailey. J. L. Hutton is acting as auditor; Ted Hart will be treasurer; and Margaret Kirby is acting as recording secretary.

"There is talk more and more

of social responsibilities and a social consciousness," Stoner told the committee last week, "It is what puts man above the animals . . . his concern for his neighbor. We believe that Y-12ers will be willing to sacrifice a luxury here and there to increase their present withholdings in the Central Fund. These 'drops' added together more than 5500 strong can make a terrific impact on community chests throughout the area."

Payroll Deductions High

At the end of the 1962 campaign in the plant last year approximately 73.1 per cent of all employees were using the effortless manner of giving through payroll deductions.

Divisional committeemen have by this time been issued a check-off list showing each employee's present amount to his own prescribed county chest drive. Each employee will be contacted personally so that he will have the opportunity to increase his deductions, or get into the plan.

With next week's issue of the Bulletin, another "Honor Roll" will be run throughout the drive, showing departments subscribing 100 per cent in payroll deductions. Often a single employee entering payroll deductions will throw a department into the column.

A Little Adds Up

"Just a mite more," isn't too much to ask. With the many worthwhile agencies approved to participate in the United Funds in this area, pennies mean sometimes the difference between existence and non-existence for

benefits the community could ill afford to be without.

The drive for the \$108,500 in Anderson County gets underway October 1. Y-12ers hope to have their drive over by then . . . to give the County and the other counties surrounding us a big shove toward the attainment of each of their goals.

AEC-Union Carbide Extend Present Contract

The contract with Union Carbide Corporation for the operation of the four major Atomic Energy Commission facilities has been extended until June 30, 1967, according to a recent announcement from S. R. Sapirie, Manager of the AEC's Oak Ridge Operations. The current contract was due for expiration June 30, 1964.

Similar to the existing one . . . the contract covers the three AEC plants in Oak Ridge: Y-12, Oak Ridge National Laboratory, and the Oak Ridge Gaseous Diffusion Plant and the gaseous diffusion plant at Paducah, Kentucky.

Princeton's Malik Holds Physics Seminar Friday

Princeton University's F. B. Malik will lead this week's Physics Division seminar, discussing "Independent Bare Model for Finite Nucleus."

The Oak Ridge National Laboratory seminar is set for Friday, September 20, at 3:15 p.m. in the East Auditorium of ORNL's 4500 building.

SAFETY SCOREBOARD

The Y-12 Plant Has Operated

138 Days Or

4,593,000 Man-Hours

(Unofficial Estimate)

Without A Disabling

Injury

Through September 15

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For Daily Report

On Accident-Free Hours

The Bulletin

Published Weekly For The
Y-12 Employees Of
UNION CARBIDE
CORPORATION



NUCLEAR DIVISION

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Mrs. Raymond Eugene Taylor Jr.

TAYLOR-SHOEMAKER

The First Baptist Church, Clinton, was the scene of the Friday, August 23, wedding of Miss Gloria Lou Shoemaker and Mr. Raymond Eugene Taylor Jr. Dr. Raymond Sanderson, pastor, officiated at the 7 p.m. rites.

The church was decorated with white gladioli which adorned the baptismal pool and brass candle holders on either side of the kneeling bench with a single candle in the middle.

The bride is the daughter of Captain and Mrs. James Herbert Shoemaker, 424 Hicks Circle, Clinton. The groom is the son of Mr. and Mrs. Raymond Eugene Taylor Sr., 1001 South Livingstone, Springfield, Illinois. The bride's father is in Y-12's Fire Department.

The minister of music at Glenwood Baptist Church, Oak Ridge, Mr. Jack Neace, sang "I Love You Truly," "Because," and "The Lord's Prayer." Mrs. Ernest Conner, organist at the First Baptist Church, also presented nuptial music.

The bride was given in marriage by her father. She wore a sheath silhouette, with a chantilly-like lace overlaid skirt which exploded into a chapel train of satin. The portrait neckline shaped into an empire bodice. Her veil of illusion was held by a tear drop pearl crown. She carried a white Bible which was a gift from the Young Women's Auxiliary. It was topped with a white orchid, feathered carnations and lily-of-the-valley.

Her attendants were Miss Nance Taylor, maid of honor, and Miss Susan Taylor, bridesmaid.



News begins this week in

ENGINEERING

Tool Engineering pipes in that Harvey Coppeck vacationed in Knoxville, resting and rifle-ranging.

Lil Higgins and family vacationed in Panama City, Florida.

INDUSTRIAL RELATIONS

Fire and Guardsmen vacationing this week include Arnold Tiller, L. A. Litton, F. A. Ruckart, M. L. Cooper, A. O. Mitchell, G. A. Brown and G. F. McPherson. . . M. N. Wilkerson vacationed at home in Lenoir City last week.

Safety's Ernie Bentley and the misses vacationed recently on a fabulous tour of the West.

MECHANICAL OPERATIONS

The M-Wing Shop of Production Machining tells that N. T. Chandler is in and around his home near Danville visiting his folks, prior to a period of military service. . . It is reported that T. R. Wall is looking for a scooter pool from Athens to the West Portal. . . the capacity of his scooter is approximately three persons. . . L. D. Williams reported that the purpose of his vacation was to do nothing, provided, of course, his wife doesn't read this in the Bulletin!

From Beta Four Heavy Machine Shop, comes a heavy sheath of news. . .

The picnic held at Willie Green's last month by the Claude Hensley group was a real success and it is rumored that it will be an annual event (At least it was HOPED so, anyway!) Including the small fry, more than 100 attended. All sorts of games such as badminton, volley ball, horseshoe pitching, etc., were enjoyed. H. E. Alvey walked on his heels for a few days after catching his toes in the grass while playing volley ball barefooted. E. V. Hawk enjoyed free coffee for a week after winning from Don Rose in the hoss shoe tossing contest. Several boats were on the lake and the braver souls tried water skiing. The more timid ones like Jo Walpool, Betty Ward, Fran Alvey and Millie Hawkins wetted their toes while wading. Millie was the official foot dryer. Joe Hall, Picnic Planner, says this bunch fooled him. . . he had food left over. Everyone wanted to thank Willie for letting everyone picnic at his wonderful place on the lake.

Both are sisters of the groom, from Springfield, Illinois.

The groom's attendants were his father as best man, and ushers, Jim and Wesley Shoemaker, (brothers of the bride), Tom Davidson, Meridian, Mississippi, and Claude Gambrell, Oak Ridge.

The new bride is a graduate of Clinton High School and the Knoxville Business College. She is presently church secretary at the First Baptist Church. Mr. Taylor is a senior at Carson-Newman College, and is minister of music at the First Baptist Church, and is also employed by Compact Sales, Knoxville. He plans to attend the Southwestern Theological Seminary upon graduation.

The couple was honored by a reception at the church immediately after the ceremony.

After a wedding trip to Springfield, the couple is at home at 1426 Lawson Avenue, Knoxville.

C. E. Brown enjoyed his vacation in parts untold. C. Waldroup has been serving justice. . . on the jury, that is. . . R. E. McKunkins and J. H. Wheeler rested up for a week on vacation.

It's good to have D. B. Arnold back at work after he spent a couple of weeks in the Baptist Hospital in Knoxville. He says his neck is four inches longer now since he had to keep his chin in a sling.

A. O. Roberts finished up his vacation last week just staying at home.

F Area welcomes Buck Bloomer back from a week's vacation on the lake painting his cabin and other leisurely activities. . . And L. L. Bailey is welcomed back with a big smile after his few weeks stay on the ailing list.

J. B. Brabson is off on a three-week vacation jaunt to parts unknown.

The Alley Shop, Beta Two, reports that C. Thompson is pulling childish tricks. . . has the mumps.



Mrs. Hensley & Darrell

The A-1 Shop reports W. V. Hensley has just returned from a week in West Palm Beach, Florida. He had some tall fish stories to tell and this picture is proof that some of them are so. Holding the fish are Mrs. W. V. Hensley along with nephew Darrell. This is only one of the 15 barracuda they caught. It measured three and one-half feet and weighed about 10 pounds.

Doctor Snafu says the best thing he knows for hives. . . is BEES!

FINANCE AND MATERIALS

Timekeeping is sending get well wishes to G. H. Kindred in the Chamberlain Memorial Hospital, Rockwood.

The Mail Room has J. E. Kimbrell on vacation at his Oliver Springs home.

From Microreproduction and Engineering Services a goodbye and best wishes to Kay Rodgers, who is returning to school.

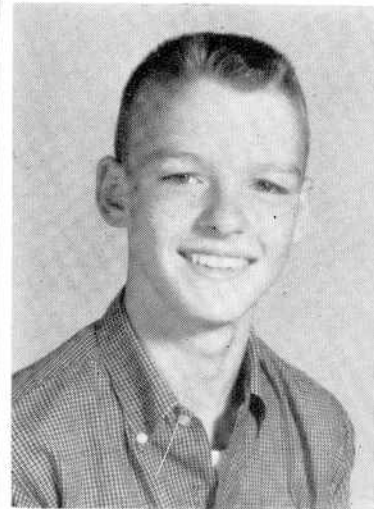
Funny about banks. They won't loan you any money until you prove to them you don't need any!

CHEMICAL OPERATIONS

It's 'tater diggin' time in Dixon, Tennessee, according to Marie and James Tilley. They are spending two weeks vacation on their farm there which they enjoy very much.

Vacationing this week to get his daughter ready for UT registration is Al Jones. . . A. S. Kirby's son Allen recently fell and broke an arm. His best friend and buddy was wearing a cast he received from a fall similar to Allen's. Though the accidents

Marlar Youngsters To Spark Bands In Oak Ridge Schools

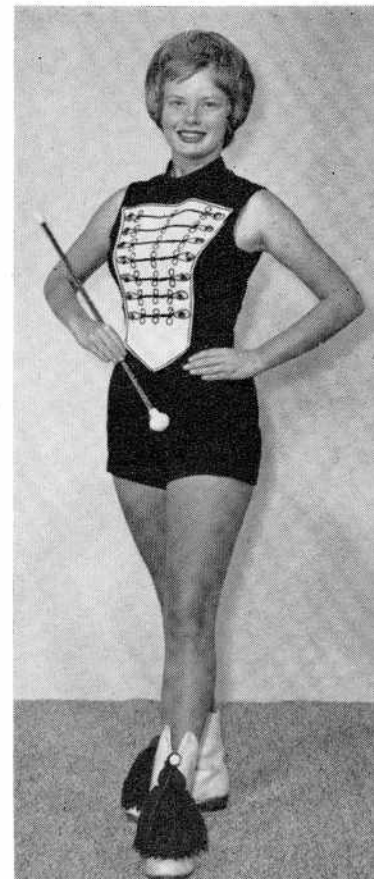


Donnie Marlar

Musical talent seems to run in the Charlie L. Marlar Jr. family. This year Judy Marlar will captain the majorettes at Oak Ridge High School. Judy, a senior, has been a majorette since junior high days and also a member of the band that long. To qualify for majorette Judy had to be capable of making the band at Oak Ridge High where she plays the flute. She also was elected to serve as the band's secretary for the coming year.

Her musical interests occupy a great deal of her time. She has studied piano for seven years and flute for four years. Naturally, she plans to enter college as a music major.

Donnie, Judy's younger brother, will also be leading band for the first year. He is the new drum major for Robertsville Junior High School where he plays baritone in the band. Don-



Judy Marlar

nie is in the ninth grade at Robertsville and hopes to follow his sister's footsteps and play in the band during his high school years.

Donnie and Judy are the son and daughter of Mr. and Mrs. Charlie L. Marlar Jr., 219 Highland Avenue, Oak Ridge. Their father is in Y-12's Product Processing Department.

were coincidental, the boys think it is a "big deal."

Building 9204-3 reports returning from a vacation relaxed, rested and eager to work are Peggy Sigmon, Dot Wiggington and Maxine Duke. . . Hallie Wade is vacationing in parts unknown. . . Failing to recognize an old gun trading buddy's voice on television has caused the "Solemn Ole Judge" N. C. Parrish a considerable amount of embarrassment lately.

It is rumored that M. W. Pickard is on his way up the ladder of success since feasting with certain people.

Another helpful father is Jack Bounds. He and daughter Jackie will motor to Mars Hill, North Carolina to register her there in Mars Hill College.

Back from vacation are Paul Whillock and D. W. Coffey. . . Margaret and Homer Baker visited relatives in McMinnville this past week-end.

Charlie Mills, the department's old movie star, reports that the premiere of "All the Way Home" will take place in Knoxville in October. Charles is a member of the cast. He appears in "The Fool Killer" also (see the Bulletin a couple or three weeks ago.)

The department extends sympathy to Dan Cooley on the death of his father.

John Campbell spent his week from work doing some interior decorating at his home. . . Roy Smith has returned after enjoying a wonderful time in Shelbyville, attending the walking horse national celebration.

Sorry to report that Jim Coleman has been hospitalized at the Baptist Hospital. . . glad to report he is doing fine, however. . . Morris Denny's son David will enter East Tennessee State

University as a freshman. Dad is taking a vacation this week to help out a little.

R. B. Beasley was seen leaving for Ocala, Florida, smiling like a brand new father. . . Also vacationing are A. W. Sharp and F. S. Stroupe, their whereabouts not known.

Enjoying a week at home are Mildred and James Mangrum. James is very safety conscious. . . will not run a red light even with a mechanical failure and the light getting stuck on red!

Back from vacation are H. Coulter, J. B. Shepard and W. F. Smith. . . Alice Hensley is enjoying members of her family visiting from California. . . C. A. Proffitt and Bill Lienart left without revealing any plans.

W. T. Crow spent two fruitful days as the Y-12 representative for UCC at their exhibit at the TVA and I Fair in K-ville. Any questions concerning the production, use and capabilities of isotopes should be forwarded to him.

Leroy Thornton has double reasons to be proud. . . his son Russell received his degree in Industrial Engineering at TPI. The following week he was sworn in and commissioned a second lieutenant in the U. S. Marine Corps. Russell expects to start a three year tour of active duty in January.

Some use their vacation time to paint the town red. . . not L. E. Baker; he used his to paint his house, but no red, he adds!

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FIRE PREVENTION WEEK
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4 New Teams Show In Bush Alley Set

Rusty Five And '66' Raiders Win

The 10-team Bush League for Y-12 bowlers premiered last week with four new teams replacing "tired" bowlers. The Rusty Five took three points from the Outcasts, and the "66" Raiders captured three from the Beavers.

Split scores were racked up as the Rollmasters tangled with the Dry Hides; the Turtles took on the Rollniks, and the Seven Sixties encountered the Hi Balls.

Jerry Houser, Turtles, was high-man on the totem pole in the individual game with a 208 scratch, 246 handicap score. Al Townsend, Rollmasters, took series scratch highs with 537; while Dave Grigg, Dry Hides, placed high in handicap series with a 636.

The Rusty Five took singles scratchwise, rolling 818. The Rollniks took handicap highs . . . 1000 scratch and 2807 handicap. The Dry Hides took series scratch highs with their 2282 tally.

League standings follow:

Team	W	L
Rusty Five	3	1
"66" Raiders	3	1
Rollmasters	2	2
Dry Hides	2	2
Turtles	2	2
Rollniks	2	2
Seven Sixties	2	2
Hi Balls	2	2
Outcasts	1	3
Beavers	1	3

Pridgeon Increases Tennis League Lead

John Pridgeon increased his long lead in the Tennis League last week by defeating Bob Bass for three sets, 6-2, 6-1, and 6-0. The only other match reported saw Al Fischer over Bill Harper for three also, 6-2, 6-3 and 9-7.

League standings follow:

Player	W	L
John Pridgeon	22	2
Dick Huber	13	5
Ralph Levey	17	7
Al Fischer	15	9
Ron Williams	14	10
Mike Laggis	12	11
Campbell King	12	14
Bob Bass	6	21
Bill Harper	3	21
Roy Huddleston	3	21

Physical Fitness Class Set For Next Tuesday

The Physical Fitness program starts its fall work-outs Tuesday, September 24, at the Oak Ridge High School gymnasium. Hours are from 7:30 until 9:30 p.m. each Tuesday night thereafter.

Facilities include basketball and volley-ball courts, exercise room with barbells, gymnastic apparatus, and mats for individual exercise. Shuffleboard courts are available for a less strenuous activity.

Participants will first warm up in a calisthenics period . . . then engage in free play utilizing the gym equipment.

The fitness program is open to all Nuclear Division employees. All you have to do is show up. Additional information may be obtained from the Recreation Office, extension 7109.

'If It Moves— Salute It, Soldier!'

First Private: "Why did you salute that truck driver?"

Second Private: "I'm not so dumb. That was no truck driver; it was General Trucking. Didn't you see his sign?"

Three Teams Take Sweeps In C League

The Y-12 C League edged into the spotlight Monday, September 9, to begin its 1963-64 season. Three teams posted four-point sweeps as the Sunflowers lowered the Hilifers, the Screwballs downed the Shud-A-Beens, and the Rodders downed the Lucky Strikes. Other victories were in the three-point count, as the Rounders romped over the Big Five, the Hookers took the Par Busters, and the Five Roses (now, that's a pretty name!) gained from the Strikers.

C. R. Lively, Rounders, livened up the alleys by rolling a scratch game of 222. F. K. Clabough, Hookers, had a high handicap game of 245. Dan Kessell, Rounders, took series highs with 547 scratch, 628 handicap totals.

League standings follow:

Team	W	L
Sunflowers	4	0
Screwballs	4	0
Rodders	4	0
Rounders	3	1
Hookers	3	1
Five Roses	3	1
Par Busters	1	3
Strikers	1	3
Big Five	1	3
Hilifers	0	4
Lucky Strikes	0	4
Shud-A-Beens	0	4

Shift Combo Plans Bass Rodeo Saturday

The E, F, G, H and J Shift folks are planning a smallmouth bass rodeo Saturday, September 21, at the Anderson County Boat Dock on Norris Lake. Fishing gets underway at 6 a.m. and runs through 5 p.m. Fishermen must reserve their own boats at the dock.

There is a dock prize and nine awards for the largest smallmouth caught. All Y-12ers and their families are welcome. Guests must register in the name of the employee, however, to be eligible to win.

Piloting Course Also In Oak Ridge

Small boat handling classes will be offered in Oak Ridge and Knoxville this year by Power Squadrons in each city. The schedule is as follows: 7 p.m. each Tuesday in Knoxville at the School of Business Administration in Knoxville; 7 p.m. each Thursday, beginning tomorrow, September 19, at the Power Squadron Dry Dock on Emory Valley Road.

Both of these courses are offered free to all adults and teenagers. This course is regarded by experienced boatmen as one of the best for learning the principles and skills necessary for safe boating. "Safer Boating Through Education Rather Than Legislation," says the Power Squadrons.

The 10-week course will include: Equipment, Rules of the Road, Seamanship, Aides to Navigation, Charts, River Piloting, and Compass. These courses are all free. The Knoxville course is being taught by Y-12er Ed Palmer and G. J. Angele, Engineering Mechanics, will instruct the Oak Ridge course.

A plump woman we know insists her new diet of nothing but coconuts is working. She doesn't seem to be losing any weight, but you ought to see her shinny up a tree!



HERE ARE THE BIG CHAMPS, grinning after their triumph in last week's play-off in the Slo Pitch League. The Dispatching Rebs took the Y-12 Eagles 13 to 3 after the Eagles had defeated the ORGDP Mets for the final half throne. The victory-happy Rebs then turned on first-half champs, the Mets, and defeated them 9 to 4. Kneeling from left are Don Mahaffey, Bill Butterini, Ray Riggs, assistant manager; Jan and Steve Buckley, manager and chief rooter, respectively. Standing are Jerry Babb, Jim Lawhorn, Conrad Strike, Dale Lewis, Phil Parrett, Harry Conner, Dan Greaser and Howard Price.

Dispatching Rebs Take Crown From Mets, Eagles In Slo Pitch

Y-12 finally got itself a Slo Pitch champion, after all these years! The Rebs, or the Dispatching Rebs as they dubbed themselves late in the season, came up tied with the Eagles and the ORGDP Mets for first place in the last half of the season's play.

The first order of business was to determine a winner for the last slot of the season . . . as the ORGDP Mets had already wound up taking the first half.

Y-12's Eagles took care of the first-half champs in short order last Monday, blasting them 7 to 5. Cates homered for the losing squad for the only big one of the game. Bug-Eye surrendered nine hits to the Mets, Iacovino did likewise to the Eagles.

Batteries: Eagles: Bell and Hulsey. Mets: Iacovino and Lamberth.

Then the two Y-12 teams squared off as the Eagles charged into the Rebs . . . but ran out of steam early in the game. The Eagles dropped this one 13 to 3 to give the Rebs undisputed claim to the last-half throne. Don Mahaffey homered for the Rebs.

Batteries: Rebs: Lawhorn and Lewis. Eagles: Bell and Hulsey.

Tuesday the rampaging Rebs returned to defeat the Mets in a double-header first 11 to 2, then 9 to 4. (Original league rules stated that the league championship had to be determined on a best out of three deal.)

In the first game Mahaffey was big stick again, poling a homer, while Greaser had two triples. Strike and Conner homered in the second game, and Conner had a three-bagger, as well.

First Game

Team	R	H	E
Rebs	11	15	0
Mets	2	7	1

Batteries: Rebs: Lawhorn and Lewis. Mets: Iacovino and Inzana.

Second Game

Team	R	H	E
Rebs	9	14	4
Mets	4	4	2

Batteries: Rebs: Lawhorn and Conner. Mets: Cates, Iacovino and Inzana.

Meanwhile, the Slo Pitchers were involved in a deadly single-elimination tournament. Results and tournament winners will be detailed in next week's Bulletin.

Ping! No Pong Set Monday, September 23

Carbide Table Tennis players will be unable to play at the Wildcat Den next Monday, September 23. The Den is unavailable for the indoor sportsmen at that time.

MixedBowlersDraw Season First Blood

Ghosts, Scrappers And Phantoms Win

The eight-team Mixed League for Y-12 men and women bowlers got underway last week, completing Y-12's five-league line-up. Three points were captured by the Ghosts over the Goofers, the Scrappers over the Cool Cats, and the Phantoms over the Alley Cats. The Pin Twisters and Toppers split scores.

Eleanor Rekemeyer, Scrappers, took single honors on the distaff side, with a 170 scratch, 221 handicap score. Irene Carmack, Cool Cats, took series highs with 459 scratch and 597 handicap totals. Charlie Gillihan, Ghosts, took the high single scratch game of 192 . . . while J. D. Bryant, Scrappers, took the rest of the board, with a 221 handicap game, series scores of 535 scratch and 634 handicap.

The Ghosts took high singles with 602 scratch. The Scrappers took singles handicap honors with 790. The Goofers rolled 1717 scratch series highs; while the Toppers took a 2197 handicap series total.

League standings follow:

Team	W	L
Ghosts	3	1
Scrappers	3	1
Phantoms	3	1
Pin Plasters	2	2
Toppers	2	2
Cool Cats	1	3
Goofers	1	3
Alley Cats	1	3

Has Beens, Tigers Early Classic Leads

Swingsters Take Singles Honors

The Tigers and Has Beens share an early tie for first place among Classic League bowlers. The Tigers clipped the Rippers for four points, as the Has Beens also took the Eightballs by the same count. The only other four-point count was taken by the Cubs over the Screwballs.

Three point wins saw the Wolves over the Splinters, two and one-half points were taken by the Rebels over the Smelters and the All Stars over the Playboys. The Bumpers-Swingsters, and Markers-Wasps duel ended in draws.

Jim Beckett, Swingsters, took high singles, rolling a 212 scratch, 263 handicap game. J. E. Morgan, Smelters, rolled a high 566 scratch series . . . and Elmer Green, Bumpers, rolled the high handicap series of 622. The Swingsters took single honors . . . rolling 909 scratch, 1091 handicap totals. The Bumpers held the scratch series highs of 2459; while the Cubs rolled high handicap series in the order of 2971.

League standings follow:

Team	W	L
Tigers	7	1
Has Beens	7	1
Rebels	6½	1½
Bumpers	5	3
Markers	5	3
Rippers	4	4
Eightballs	4	4
Splinters	4	4
Wolves	4	4
Cubs	4	4
All Stars	3½	4½
Swingsters	3	5
Smelters	2½	5½
Wasps	2	6
Playboys	1½	6½
Screwballs	1	7

October 6-12
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Don't Get Red-Flagged!

BULK RATE
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Continued from Page 2
MAINTENANCE

Maintenance maintains it didn't have much news this week, but did have a crop of lively baby photos to brighten up the scene.



Timothy Clay Verner

First off, here's Timothy Clay Verner, soon after his arrival at the Oak Ridge Hospital on July 15. He is the son of **Tommy Verner**, Research Services Department.



Alison Diane Argo



Slone Rochelle Argo

Talk about a proud Grand-Pop,

H. E. Argo, Research Services, sure is, and look at these two cuties to see why. They are Slone Rochelle Argo, born May 29, and little Slone is the daughter of Bobby Argo, who works for ORTEC, in Oak Ridge. The second beauty is Alison Diane Argo, born June 15, and the daughter of Dwain Argo, of the U. S. Air Force, stationed in England.

Helen Sisson entertained folks from Cleveland, Ohio for the week-end . . . Get well wishes to **F. L. Margrave** and his wife who were involved in an auto accident over the holidays . . . A welcome is given to **Floyd Queener**, who transferred in from Beta Four.



Jeffery Edward Franklin

And the last, but not the least, photo of the week is little Jeffery Edward Franklin, five-month-old grandson of **C. A. Franklin**, Process Maintenance. Looks like quite a little man, doesn't he?

SHIFT SUPERINTENDENTS AND UTILITIES

Vacationing at home last week was **R. W. Brothers** . . . the **S. F. Creighs** are vacationing in Florida for two weeks . . . **I. L. Hill** is vacationing at home.

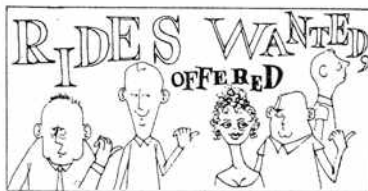
W. F. Huffman, **O. K. Clotfelter** and **J. A. Wade** didn't tell anyone any vacation plans . . . but left, just the same.

Get well wishes are sent to **E. W. Mahan**.

Be gone, ye furies!

Math Courses Offered At UT Evening School

School Days are here again, and again offered at the Oak Ridge Evening School are three courses of special interest to engineering draftsmen . . . Math 131 (formerly Math 121), Math 221 and Basic Engineering 111. It is important that all interested in these courses turn out at registration time so there will be a sufficient number of students to assure classes in these three courses. For additional informa-



Ride wanted or will join car pool from South Knoxville to any portal, H Shift. **O. L. Kelley**, plant phone 7-8209, home phone Knoxville 577-5731.

Riders wanted or will form car pool from Maryville Airport section to Central or West Portals, A Shift. **D. W. Burchfield**, plant phone 7697, home phone Maryville 982-6846.

Will join or form car pool from North Hills section, Knoxville, to any portal, E Shift. **D. R. Everence**, plant phone 7573, home phone 524-5042.

Ride wanted from Hickory Street, Clinton, to East or North Portal, straight day. **Betty Gasaway**, plant phone 7-8702, home phone Oak Ridge 483-0281.

Car pool members wanted from Fountain City area, Knoxville, to any portal, straight day. **Jack Thurman**, plant phone 7-8658, home phone Knoxville 687-3908.

Material Handling

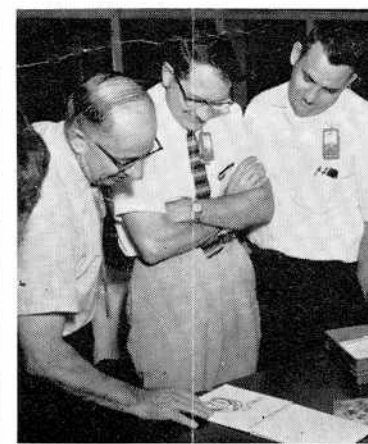
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material. These costs are non-productive, that is, they add nothing to the increasing worth of the materials as productive processes are applied to it in the flow through the plant. Management of all industries is looking harder at material handling as one large area for potentially significant cost cutting.

Local Group To Tour John Sevier Yards

The East Tennessee Chapter of the American Material Handling Society will have a field trip for its first meeting of the new chapter year. The John Sevier Yards of the Southern Railroad will be toured by chapter members, their guests and any others who are interested.

The yards have the latest facilities for automatically directing and moving railway equipment. The tour should be informative to all those interested in material handling. The assembly point will be Weaver's Cafeteria number one, 3911 Magnolia, Knoxville at 5:30 p.m. Friday, Sept. 20. The tour will begin at 6. Dinner is not included as part of the planned activities. More information may be obtained from **J. C. Thompson**, extension 7-8265, **T. C. Swindell**, 7394 or **Dave DeWalt**, 7705.

tion, consult the University of Tennessee Fall Quarter Schedule, or contact **Frank Fuis Jr.**, extension 7-8831.



SPECIAL PROJECTS lost one of its prettiest faces recently as Carol Houser decided housekeeping chores were for her. Carol is seen above admiring a sweater friends presented her, and at right, cutting a huge cake in her honor. Carol and Jerry live at 108 Albany Road, Oak Ridge. Good luck, Carol!



A Y-12 FAMILY IS SEEN AT ORNL's Open House, held September 7 and 8 . . . as Truman Coulter, Product Processing (seen holding map), escorts his family and guests through the Laboratory. That's Mrs. Coulter seated in front, and his brother and his family, Mr. and Mrs. W. M. Coulter Jr. . . children, Dennis and Anna Lisa.



Another sextet of Y-12ers is added to Union Carbide Corporation's 20-year veteran list. Congratulations to them, and to others observing important anniversaries within the next few days.

20 YEARS

William W. Watson, Area Five Maintenance, September 18.

Clifford Herrell, A-1 Foundry, September 18.

Mary M. Tackett, Cafeteria, September 20.

Ernest G. Vann, General Field Shop, September 20.

Blake F. Nicley, Buildings, Grounds and Maintenance Shops, September 21.

Mary E. Puckett, Plant Records, September 21.

15 YEARS

James C. Thompson Jr., Mechanical Inspection, September 20.

J. Wesley Gibson, Research Services, September 20.

Edward L. Stooksbury, Area Five Maintenance, September 24.

10 YEARS

Albert J. Naleppa Jr., Dimensional Inspection, September 18.

James L. Smith, Electrical Engineering, September 21.

Roy W. Cheatwood, Process Maintenance, September 21.

Malcolm P. Crews Jr., General Machine Shop, September 21.

Mason A. Butner Jr., Physical Testing, September 21.

James A. Manning, Physical Testing, September 21.

William C. Kuykendall, Ma-

ASME Has Ridge Meeting Tomorrow

The Oak Ridge subsection of the American Society of Mechanical Engineers will hold its first meeting of the 1963-64 season tomorrow, Thursday, September 19, at the Elks Club, Oak Ridge.

A new Tennessee Valley Authority film will be shown, "Shorelines for Progress," which describes how the 10,000 miles of shorelines around TVA lakes are being developed for industry and recreation.

After the regular program the ASME will stage a card-playing session for those interested. The formal program is set for 8 p.m. More information may be obtained from **B. C. Garrett**, extension 7-8711.

America Will Need Twice As Many Jobs

During the next decade a total of 1.5 million more jobs will be needed each year. This compares to the 700,000 per year needed in the 1950's.

October 6-12 FIRE PREVENTION WEEK Don't Get Red-Flagged!

chine Tool Management Engineering, September 22.

Arthur G. Hensley, Production Analysis, September 21.

Steve J. Frost, Beta Two, September 22.

Delbert E. Wilson, Beta Four Forming, September 23.

Michael E. Schrivner, Chemical Engineering Development, September 24.

